

REMARKS/ARGUMENTS

In the Office Action issued May 25, 2005, claim 3 was rejected under 35 U.S.C. §102(b) as anticipated by Atlas et al, U.S. Patent No. 6,208,339 (Atlas). Claims 3 and 10-15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Day, Jr. et al., U.S. Patent No. 4,763,356 (Day) in view of Kennedy et al., U.S. Patent No. 6,651,217 (Kennedy). Claims 1-2 and 4-9 were rejected under 35 U.S.C. §103(a) as being unpatentable over Day in view of Kennedy and further in view of Nishiyama et al., U.S. Patent No. (6,421,693). Claims 10-13 were rejected under 35 U.S.C. §112 as lacking sufficient antecedent basis.

Claims 1-15 are now pending in this application. Claim 3 was amended to provide antecedent basis to claims 10-12 and 13 was amended to correct the antecedent basis. No new matter has been added.

The present invention is not anticipated by, nor obvious in view of, the references relied upon in the Office Action, as the prior art references do not disclose or suggest the claimed features of the present invention.

The Applicant respectfully submits that the present invention according to claim 3 is not anticipated by Atlas. Atlas discloses a computer controlled interactive display system for providing a user interface for data entry with user changeable autocomplete functions for the data entry fields. For each of the fields, there is provided autocomplete means, i.e. means for automatically providing a proposed completion of a user entry into at least one of said fields, and user-

interactive means for selectively disabling or otherwise modifying said means for automatically providing a proposed completion.

The present invention, according to claim 3, requires dynamically altering the data entry form and the display of the data entry form based on the entered data values by displaying at least one further data entry field corresponding to each of at least two data values which may be entered in the one data entry field. Atlas merely discloses autocompleting an entry in a field - entering into the field a complete entry based on a partial entry into the field. Atlas does not disclose or suggest displaying any additional fields based on particular values that are entered into a field.

Therefore, the present invention according to claim 3 is not anticipated by Atlas.

The Applicant respectfully submits that the present invention according to claims 3 and 10-15 are not unpatentable over Day in view of Kennedy. Day discloses a personal computer connected to a display and touch screen panel is provided with a form entry system integrated therewith. The form entry system is adapted to display a predefined form and to automatically display a predefined tool, such as a keyboard, menu, calculator, etc., to facilitate inputting information in a respective field of the form or chart. Specifically, the user is prompted as to which field is to be filled in by highlighting the field and concurrently displaying as an overlay (window) the tool that the user will use to input the information called for by the highlighted field. In the case where a field calls for illustratively

the insertion of a name, the system may be adapted to display a menu of names as the tool for filling in that field. The user selects the name that he or she desired to be inserted in the field by touching that name. The system responsive thereto inserts the name in that field, highlights the next field to be filled in, and displays the tool for filling that field.

The present invention, according to claim 3, requires dynamically altering the data entry form and the display of the data entry form based on the entered data values by displaying at least one further data entry field corresponding to each of at least two data values which may be entered in the one data entry field. Day discloses displaying an overlay window based on selection (highlighting) of a field. Day does not disclose or suggest displaying anything based on particular values that are entered into a field.

Even when Day is combined with Kennedy, the resulting combination still does not disclose the present invention as claimed. Kennedy discloses a system and method for populating a plurality of fields appearing on a form such as an HTML-based form rendered on a browser. When a user first populates a form and submits it for processing, a web browser determines whether the user has completed a profile containing commonly used fields (e.g., name, address, phone number and the like). If no profile has been completed, data values from the form populated by the user are extracted, matched to the commonly used fields, and used to populate the profile, which is stored for future use. The user is also invited to supply missing data values for other fields contained in the profile. Thereafter,

when the user displays the same or a different form, the user is given the option to automatically populate the form using values stored in the profile. Kennedy discloses entering values from a form into a profile and from a profile into a form based on whether or not any values were entered into fields of the form. Kennedy does not disclose or suggest displaying anything based on particular values that are entered into a field.

Thus, even when Day and Kennedy are combined, the resulting combination still fails to disclose or suggest the requirement of the present invention, for example, according to claim 3, of dynamically altering the data entry form and the display of the data entry form based on the entered data values by displaying at least one further data entry field corresponding to each of at least two data values which may be entered in the one data entry field.

Therefore, the present invention according to claim 3, and according to claims 10-15, which depend therefrom, are not unpatentable over Day in view of Kennedy.

The Applicant respectfully submits that the present invention according to claims 1-2 and 4-9 is not unpatentable over Day in view of Kennedy and further in view of Nishiyama. Day discloses a personal computer connected to a display and touch screen panel is provided with a form entry system integrated therewith. The form entry system is adapted to display a predefined form and to automatically display a predefined tool, such as a keyboard, menu, calculator, etc., to facilitate inputting information in a respective field of the form or chart. Specifically, the

user is prompted as to which field is to be filled in by highlighting the field and concurrently displaying as an overlay (window) the tool that the user will use to input the information called for by the highlighted field. In the case where a field calls for illustratively the insertion of a name, the system may be adapted to display a menu of names as the tool for filling in that field. The user selects the name that he or she desired to be inserted in the field by touching that name. The system responsive thereto inserts the name in that field, highlights the next field to be filled in, and displays the tool for filling that field.

As Examiner states, Day does not monitor the data values entered into said one data entry field. Likewise, Day does not disclose or suggest storing data values and corresponding attribute data defining at least one further data entry field for each of at least two data values which may be entered in the one data entry field, and Day does not disclose or suggest dynamically altering the data entry form and the display of the data entry form based on the entered data values, as required by the present invention, for example, according to claim 1. Day does not disclose or suggest displaying a further data entry field or alter the form or display of the form based on the entered data values. Rather, Day discloses moving on to the next field to be filled in ("highlights the next field to be filled in" (Abstract), "highlights the next field" (col. 3, line 68)) based on the fact that something has been entered in the present field. Day does not disclose or suggest displaying anything based on the value that is entered into the present field. Because of this, Day does not need to monitor the data values entered into said one

data entry field, as required by the present invention, for example, according to claim 1, because Day does not do anything based on the particular value. Likewise, Day does not disclose or suggest storing data values and corresponding attribute data defining at least one further data entry field for each of at least two data values which may be entered in the one data entry field, because Day does not do anything based on any particular value. Finally, Day does not disclose or suggest dynamically altering the data entry form and the display of the data entry form based on the entered data values, because Day does not do anything based on any particular value.

Even when Day is combined with Kennedy, the resulting combination still does not disclose the present invention as claimed. Kennedy discloses a system and method for populating a plurality of fields appearing on a form such as an HTML-based form rendered on a browser. When a user first populates a form and submits it for processing, a web browser determines whether the user has completed a profile containing commonly used fields (e.g., name, address, phone number and the like). If no profile has been completed, data values from the form populated by the user are extracted, matched to the commonly used fields, and used to populate the profile, which is stored for future use. The user is also invited to supply missing data values for other fields contained in the profile. Thereafter, when the user displays the same or a different form, the user is given the option to automatically populate the form using values stored in the profile.

Kennedy does not disclose or suggest monitoring data values entered into said one data entry field, as required by the present invention, for example, according to claim 1. Rather, Kennedy clearly discloses processing of a form after it has been submitted for processing by extracting values from the submitted form (see Abstract). Kennedy does not disclose or suggest storing data values and corresponding attribute data defining at least one further data entry field for each of at least two data values which may be entered in the one data entry field, as required by the present invention, for example, according to claim 1. Kennedy only discloses storing in a profile data values entered by the user in a form submitted for processing and filling in unfilled fields in forms from the profile when the form is submitted for processing. Kennedy does not disclose or suggest any further data entry fields based on particular values (each of at least two data values, per claim 1) entered into the form. Kennedy does not disclose or suggest dynamically altering the data entry form and the display of the data entry form based on the entered data values, as required by the present invention, for example, according to claim 1. Kennedy only discloses storing and filling in values, Kennedy does not disclose or suggest altering the display based on any values.

Even when Day is combined with Kennedy and with Nishiyama, the resulting combination still does not disclose the present invention as claimed. Nishiyama discloses detecting a constituent element which represents an entry item from among received Internet documents, based on the document structure

data of a document such as an HTML document containing the entry item key, comparing the entry item key of the detected entry item with the entry item key registered in a database, thereby automatically entering in the entry item the user's name, address, phone number, and the like corresponding to the entry item key registered in the database which has been matched as a result of comparison. Thus, Nishiyama merely discloses the storage of selected data in a database. Nishiyama does not disclose or suggest monitoring the data values entered into said one data entry field, storing data values and corresponding attribute data defining at least one further data entry field for each of at least two data values which may be entered in the one data entry field, or dynamically altering the data entry form and the display of the data entry form based on the entered data values, as required by the present invention, for example, according to claim 1.

Thus, the combination of Day, Kennedy, and Nishiyama does not disclose or suggest at least the following required elements of the present invention, for example, according to claim 1 - monitoring the data values entered into said one data entry field, storing data values and corresponding attribute data defining at least one further data entry field for each of at least two data values which may be entered in the one data entry field, or dynamically altering the data entry form and the display of the data entry form based on the entered data values.

Therefore, the present invention according to claim 1, and according to claims 2, and 4-9, which depend from claim 1, is not unpatentable over Day in view of Kennedy and further in view of Nishiyama.

Appl. No. 09/867,679

Reply to Office action of May 25, 2005

In view of the above, it is respectfully submitted that the present invention is allowable over the references relied upon in the Office Action. Accordingly, favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.

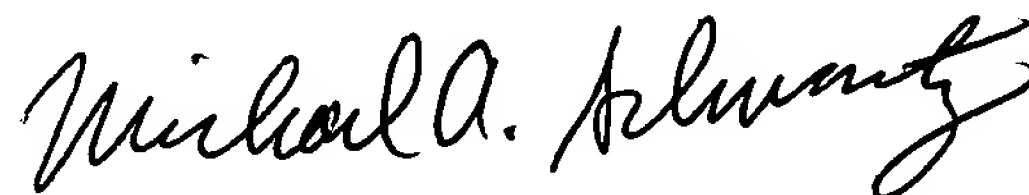
Additional Fees:

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 19-5127 (19111.0057).

Conclusion

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

Respectfully Submitted,



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